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# NOTICES FROM THE LICK OBSERVATORY.

PREPARED BY MEMBERS OF THE STAFF.

## MEMORANDUM ON A PROPOSED OBSERVATORY ATLAS OF THE MOON FROM NEGATIVES TAKEN AT MOUNT HAMILTON.

It is proposed to publish a map of the Moon from negatives made with the thirty-six-inch refractor, on a scale of three Paris feet (= 97.45 *cm* = 38.36 English inches) to the Moon's diameter. This scale is chosen because it is the same as that of the charts made (visually) by MAEDLER and LOHRMANN, and exactly half the size of the (visual) map made by SCHMIDT. These excellent charts will serve as indexes to the proposed photographic map. Three feet is a scale very suitable for observatory uses. For other purposes, the large-scale maps now in process of construction by Professor WEINEK, at Prague, (chiefly from LICK Observatory negatives), and by the Paris Observatory (from their own excellent negatives), will be appropriate.

The plan, at present, is to make an observatory atlas of some sixty sheets, each about fifteen by eighteen inches, the image of the Moon on each being some eleven by fourteen inches. Three such sheets will show the whole terminator on a single date. Some eighteen or nineteen dates will be represented, each by at least three sheets. Charts of the full Moon, an index chart, and several pages of explanatory text will be added. It is hoped to issue the charts in heliogravure, from copperplates, similar to the plates in Volume III of the *Publications of the Lick Observatory*, quarto, 1894. Changes will be made in the plan, if desirable.

EDWARD S. HOLDEN.

MOUNT HAMILTON, April 11, 1896.